Photosensor system and drive control method thereof

Patent number: TW466761 (B)

Publication date: 2001-12-01

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Classification:

- international: ***H04N5/335; H01L27/146; H04N1/028; H04N3/15; H04N5/235;*** **H04N5/335; H01L27/146; H04N1/028; H04N3/15; H04N5/235;** (IPC1-7): H01L27/146; H01L31/10; H04N5/335

- european: H04N3/15E; H04N3/15E2; H04N5/235B

Application number: TW20000123582 20001108

Priority number(s): JP19990319859 19991110

Also published as:

US6765610 (B1)

JP2001145023 (A)

JP2001145023 (A)

JP3455761 (B2)

JP3455761 (B2)

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Abstract of **TW 466761 (B)**

by performing pre-reading operation while changing the image reading sensitivity at a plurality of stages immediately before the start of normal reading operation of a subject image, calculates the absolute difference value between adjacent pixels of lightness data of the read image data, and sets as an optimal reading sensitivity an image reading sensitivity having a maximum absolute difference value among calculated absolute difference values in a photosensor system having a photosensor array constituted by two-dimensionally arraying a plurality of photosensors, a driver circuit for supplying a drive signal to the photosensors, and a controller for controlling reading operation of a subject image and sensitivity setting. Even when ambient light changes or the characteristics of the photosensor change, an optimal image reading sensitivity can be set in accordance with the changes.; Further, even when a position where the subject is placed in the detection area of the photosensor array offsets from a normal position in performing pre-reading operation, and the read image data contains a background pattern together with the subject image, a proper image reading sensitivity can be extracted and set without any influence of the background pattern. An image reading sensitivity setting method having high reliability can be provided.